

June 26, 2006

TO: Members of the MAG Specifications and Details Committee

FROM: Robert Herz, Maricopa County DOT, Chairman

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF AGENDA

Wednesday, July 5, 2006, 1:30 p.m.
MAG Office, Second Floor, Cholla Room
302 North First Avenue, Phoenix

The meeting of the MAG Specifications and Details Committee will be held at the place and time indicated above. The agenda for the meeting is provided below. **Please park in the garage under the Compass Bank Building. Bring your ticket to the meeting, parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.** Please call me at (602) 506-4760 if you have questions about the upcoming meeting.

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AGENDA

<u>ITEM</u>	<u>COMMITTEE ACTION REQUESTED</u>
1. <u>Call to Order</u>	1. No action required.
2. <u>Approval of June 7, 2006 Meeting Minutes</u>	2. Corrections and approval of June 7, 2006 minutes.
3. <u>2006 Cases</u>	3. For Review, Discussion, and Submission of cases. This is the last meeting for submittal of new cases for this year.
4. <u>General Discussion</u>	4. For information and discussion.
5. <u>Adjournment</u>	5. No action required.

MEETING MINUTES FROM THE
MARICOPA ASSOCIATION OF GOVERNMENTS
STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

June 7, 2006

Maricopa Association of Governments Office, Cholla Room
302 North First Avenue
Phoenix, Arizona

AGENCY MEMBERS

Jim Badowich, Avondale	Kelly Jensen, Mesa
David Fern, Chandler	Jesse Gonzalez, Peoria
Steven Borst, Buckeye	Jeff Van Skike, Phoenix (St. Trans.)
Mark Weiner, Gilbert	* Matthew Woodland, Phoenix (Water)
* Greg Rodzenko, Glendale	Rodney Ramos, Scottsdale
* Tom Vassallo, Goodyear	Don Moseley, Surprise
* Bob Herz, MCDOT, Chairman	James Bond, Tempe

ADVISORY MEMBERS

John Ashley, ACA	Don Green, ARPA
* Jeff Benedict, AGC	Paul R. Nebeker, Independent
Brian Gallimore, AGC	William Ast, NUCA
Peter Kandaris, SRP, Vice Chairman	Dale Phelan, NUCA
* Don Cornelison, ARPA	

MAG ADMINISTRATIVE STAFF

Gordon Tyus

* Members not attending or represented by proxy.

GUESTS/VISITORS

Scott Bates, Contech Construction Products, Inc.
Baldemar Marciales, Surprise

1. Call to Order

Vice Chairman, Peter Kandaris, called the meeting to order at 1:34 p.m.

2. Approval of Minutes

The members reviewed the May 3, 2006 meeting minutes. Rod Ramos introduced a motion to accept the minutes as shown. Mark Weiner seconded the motion. A voice vote of all ayes and no nays was recorded.

3. 2006 Cases

- a. **Case 06-01 – Safety Rail addition to Concrete Scupper Detail 206:** Revisions to Details 206-1 and 206-2. Brian Gallimore provided photographs of scupper and rail examples used by various agencies in Maricopa County. Pictures from Phoenix, Surprise and Peoria show different installation methods successfully using bolts and weld plates instead of thickened concrete or curbing. He suggested that the proposed detail modifications reflect these practices. Rod Ramos commented that any rail/scupper connection should be fine as long as it is capable of handling appropriate load transfer and recommended that analysis be performed. All suggestions will be provided to the case's sponsor (Bob Herz) for further discussion during next month's meeting.
- b. **Case 06-02 – Clarifications to Detail 440:** Revisions to Detail 440-1, 440-2 and 440-3. The committee reviewed HB 2708 to evaluate whether the bill prohibits agencies from requiring cleanouts for the purpose of sewer locating. Rod Ramos noted that the bill passed by the state legislature did not prohibit this practice and that the cleanout details could remain. As with all details, it is up to each agency to determine application. Paul Nebeker commented that there is confusion in the field on how and when specific details are to be used. Mr. Ramos suggested that a forward in the MAG standards be written explain detail use. Gordon Tyus noted that a contractor in Yavapi County had contacted him in regards to these details and requested the committee look at including locating wire as an option. It was agreed that the committee would proceed with this case as proposed since the detail changes are meant as technical corrections and not a change in practice.
- c. **Case 06-03 – Miscellaneous Corrections:** Drafting correction to Details 533-3 and 533-4. The committee had no discussion on this item.
- d. **Case 06-04 – Reduced cement content for Reinforced Concrete Pipe (RCP) mixes, Section 735:** Revisions to Section 735. David Fern reviewed the proposed reduction in required cement content to bring the section into compliance with ASTM C-76 requirements. Jeff Van Skike asked if any member knew what mix the concrete ready-mix plants were presently using for pipe. He suggested that the higher cement content may be needed to achieve required minimum compressive strength if pipe was being sent to job sites prior to reaching a full 28-day cure. Brian Gallimore noted that since Phoenix visually inspects all pipe, it made it less likely that installation was done before pipe was fully cured. The committee requested that Mr. Fern check with the local plants on their mix design and with the pipe vendors on their supply and cure practices.

- e. **Case 06-05– Survey Marker revisions to Detail 735:** Revisions to Detail 120-2. The committee had no discussion on this item.

4. General Discussion:

- a. Rod Ramos provided a copy of mountable median curb and gutter and 18-inch wide ribbon curb details presently used by the City of Scottsdale and inquired if there is a need for details of this type in the MAG standards. He described how they are useful for emergency equipment access and in roundabouts where larger vehicles are unable to make the turns without climbing curbs. David Fern commented that Chandler is using more roundabouts and that large trucks are breaking the curbing. The committee agreed that the mountable medium curb and gutter detail would be useful. Mr. Ramos said he would provide a formal case for the next meeting mailing.
- b. Scott Bates from Contech Construction Products, Inc. introduced himself to the committee and asked about the process for getting corrugated metal pipe specifications updated. Peter Kandarlis described the MAG process and suggested that finding a member agency to sponsor the case would be a likely scenario adopting updated specifications. Mr. Kandarlis said that he would send Mr. Bates information on how cases are accepted for review.
- c. Jeff Van Skike noted that the City of Phoenix is reviewing its minimum pavement thickness standard and is contemplating allowing a pavement section of either 3 inches of asphalt concrete over 6 inches of aggregate base course or full-depth 4 inches of asphalt concrete. He asked committee members to contact him on their minimum pavement section practices.
- d. Mr. Van Skike described how the increased use of soil nails as temporary excavation support is encroaching on right-of-ways and that current permitting process made it difficult to restrict their use. Mr. Ramos suggested requiring a leasing of the right-of-way. Other materials such as fiberglass were also suggested that are easier to excavate after permanent walls are installed.
- e. Gordon Tyus updated the committee on the Specifications and Details Inventory project process. He noted that a revised scope of work and schedule were received from AZ-Flash, LLC and that a draft contract is complete and is currently under review by MAG's legal council. The four-month contract will soon be sent out for signatures with a completion date of October 4, 2006, so that final recommendations can be provided before the committee's last meeting of the year.
- f. James Bond stated that contractors are having difficulty obtaining A25mm asphalt concrete mix from local plants. Don Green noted that Rinker was not making this mix anymore because of segregation issue during placement.

- g. Dale Phalen asked if the next meeting on July 5th could be rescheduled since it was so close to the holiday. Peter Kandarlis commented on the difficulty of changing dates since many members schedule the meetings far in advance

5. Adjournment:

The meeting was adjourned at 2:39 p.m.